

WHAT IS CLAIMED IS:

1. A speaker comprising:
  - a frame;
  - a diaphragm main body supported resiliently on the frame via
  - 5 an edge portion around outer circumference thereof;
  - a groove rib integrally molded in the edge portion; and
  - a regulation member provided on a part of the front or back face
  - of the edge portion, and adapted to partially improve a flexural
  - strength of the edge portion.
- 10 2. The speaker as claimed in claim 1, wherein the regulation member is formed by applying an adhesive.
3. The speaker as claimed in claim 1, wherein the regulation member is formed by applying an agglutinant.
4. The speaker as claimed in claim 1, wherein a plurality of the
- 15 regulation members made of different materials are provided.
5. The speaker as claimed in claim 1, wherein a plurality of the regulation members having different sizes are provided.
6. The speaker as claimed in claim 1, wherein the regulation member is provided within a grooved portion of the groove rib.
- 20 7. A speaker diaphragm comprising:
  - a diaphragm main body integrally formed with an edge portion
  - around outer circumference thereof;
  - a groove rib integrally formed in the edge portion;
  - a regulation member provided on a part of the front or back face
  - 25 of the edge portion, and adapted to partially improve a flexural

strength of the edge portion.

8. The speaker diaphragm as claimed in claim 7, wherein the regulation member is formed by applying an adhesive.

9. The speaker diaphragm as claimed in claim 7, wherein the  
5 regulation member is formed by applying an agglutinant.

10. The speaker diaphragm as claimed in claim 7, wherein a plurality of the regulation members made of different materials are provided.

11. The speaker diaphragm as claimed in claim 7, wherein a plurality of the regulation members having different sizes are provided.

10 12. The speaker diaphragm as claimed in claim 7, wherein the regulation member is provided within a grooved portion of the groove rib.